

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.

Application Serial Number: 10/533,365  
Source: PG/10  
Date Processed by STIC: 5/19/05

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PCT

## RAW SEQUENCE LISTING

DATE: 05/19/2005

PATENT APPLICATION: US/10/533,365

TIME: 10:51:48

Input Set : D:\Seqlist.txt

Output Set: N:\CRF4\05182005\J533365.raw

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 6 Grant, Struan F.  
 7 Thorleifsson, Gudmar  
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236 ctggaagacg atcagggtat attttagaag ctttcattta cagatgaaga aactcaggga 12180
237 gctccaaagc cttgctcaga gtcaccatg tcttcaaact cttgttccag tttccttttc 12240
238 atttaacaag atgcatcttt taaaaattaa aatataacct cataccagcc atgtcagcag 12300
239 cttaaccagg tggagttagg aggactgggt aattaataag tgacagtgtc caagacagta 12360
240 ggaccaaata agggaatcca tgaaggatgg agtcatttaa aggggccatt tattgagtgt 12420
241 ctaccacaat gaataaagca agtgaaatgt tctggtaact agaacagttc aaactaactt 12480
242 caaagttagt ctggactgtc tctccctcta aatgactgac aaggcaaagg ctaccatgct 12540
243 aggttcagag caggagatt tatgggttgg gagaaatgct agaaccatga aggatgtagc 12600
244 accaaaccct caggaatcat tgatgaaagc aagccccctc atccctttta gtgggtacaa 12660
245 atatgtagaa agcctcccac atcataaaaa aatagtacaa gtggaattaa aaaaaaactc 12720
246 aagggggaaa tattaatctg agaacaattg tatctgagaa agcattcaag tatgcctctg 12780
247 cagctagctg gcaaacagca caagttctgc attttattag agttctaact ctgtgtagaa 12840
248 cactgacctt atttgagaag catttcataa aactgacac acagcacagc agcatttgag 12900
249 gccatgagga gatacagggc cttctttagg gggccagctt cccttcccct cctcggtgc 12960
250 aagggacccc taggacattg tttccctgag tggtaatatc tttatttttc tctcttaggt 13020
251 ttaactcagc aggaggaatt ttcctagggg aaaatgaggg agggggattt ggaataaaat 13080
252 ttgtactttg ggcaagtttg cctaagcatg gggtaggcga tggggaagac cctgctctgg 13140

```

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/533,365

DATE: 05/19/2005  
TIME: 10:51:49

Input Set : D:\Seqlist.txt  
Output Set: N:\CRF4\05182005\J533365.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; N Pos. 88,164  
Seq#:18; N Pos. 33,36,72,281,311  
Seq#:23; N Pos. 124,175,320  
Seq#:25; N Pos. 24,97,104,274  
Seq#:33; N Pos. 4,55,133,189,227,228,252,259,263  
Seq#:58; N Pos. 49,53,57,259,322  
Seq#:81; N Pos. 18,197  
Seq#:85; N Pos. 7,61,86,339  
Seq#:179; N Pos. 560,561,563  
Seq#:180; N Pos. 560,561,563  
Seq#:181; N Pos. 560,561,563  
Seq#:206; N Pos. 58,203,254  
Seq#:207; N Pos. 33,36,72,281,311  
Seq#:208; N Pos. 97,267,274,347

## VERIFICATION SUMMARY

DATE: 05/19/2005

PATENT APPLICATION: US/10/533,365

TIME: 10:51:49

Input Set : D:\Seqlist.txt

Output Set: N:\CRF4\05182005\J533365.raw

L:15 M:270 C: Current Application Number differs, Replaced Application Number  
L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:10639 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:60  
M:341 Repeated in SeqNo=3  
L:10823 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0  
M:341 Repeated in SeqNo=18  
L:10889 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:120  
M:341 Repeated in SeqNo=23  
L:10920 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0  
M:341 Repeated in SeqNo=25  
L:11024 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0  
M:341 Repeated in SeqNo=33  
L:11339 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:0  
M:341 Repeated in SeqNo=58  
L:11630 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81 after pos.:0  
M:341 Repeated in SeqNo=81  
L:11682 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85 after pos.:0  
M:341 Repeated in SeqNo=85  
L:13229 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:179 after pos.:540  
L:13252 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:180 after pos.:540  
L:13275 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:181 after pos.:540  
L:13873 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:206 after pos.:0  
M:341 Repeated in SeqNo=206  
L:13892 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:207 after pos.:0  
M:341 Repeated in SeqNo=207  
L:13912 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:208 after pos.:60  
M:341 Repeated in SeqNo=208